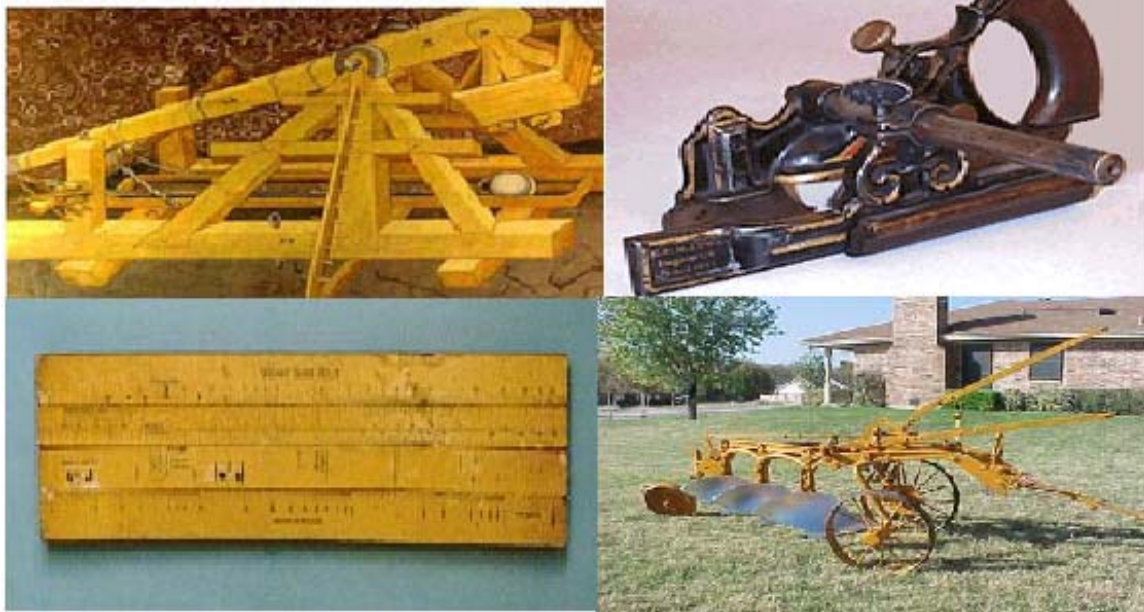


Name _____

The Smallest Factory

1. What Is It?



Upper Left _____

Upper Right _____

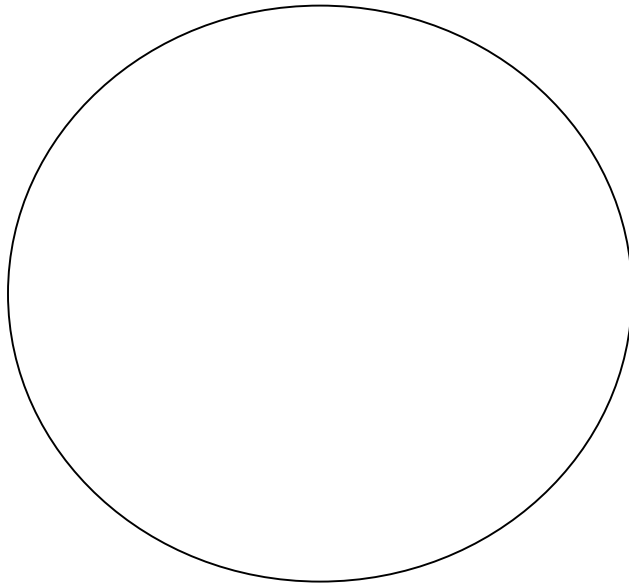
Lower Left _____

Lower Right _____

2. Design your “Photosynthesis Machine”

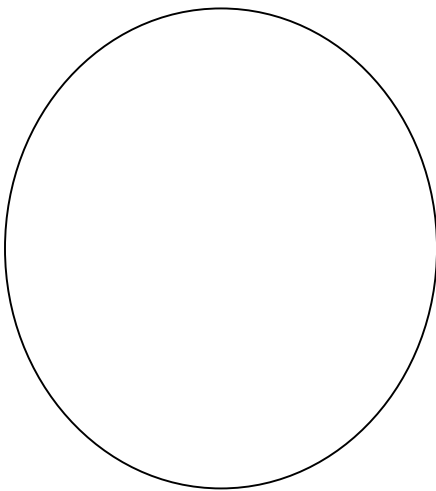
Role	Structure
Catch sunlight	
Get air to cells	
Resist wind	
Supply water	
Store food	

3. Draw your leaf slide. Label the *function* of each part you see:

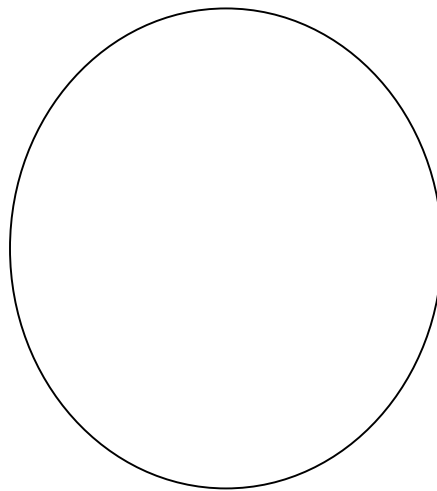


Power_____

4. Draw your *Elodea* leaves: one that has been in the light and one that has been in the dark.



Power_____



Power_____

A Cyber Hunt:

- 1) Open a new Word document.
- 2) Open your web browser.
- 3) Use _____ search engine to help you find clues to the structure of a plant cell.
- 4) When you have found a plant cell, right click on the picture and then left click copy.
- 5) Move to your Word document and paste the picture there.
- 6) Go back to your browser and copy the URL where you found the picture.
- 7) Go back to your document and paste the URL underneath the picture. Then put the date when you found the picture next to the URL.
- 8) Go back to your browser and repeat the procedure until you have at least 4 pictures of plant cells.
- 9) Close your browser and return to your Word document.

Answer these questions:

1. What three things do all plant cells have in common?

2. What is found in a plant cell that would not be found in an animal cell?

3. How are plant cells adapted for their job of photosynthesis?

4. Why must you put the URL where you found the picture under the picture?

5. When would it be wrong to copy a picture from the web?
